

Annual Air Emission Inventory  
and Emission Statement  
Facility Report

**General Facility Information**

Facility ID: **00022** County - **027** State - **23** Year Inventory: **2008**  
Facility Name: **SPRAGUE ENERGY - SEARSPORT TERMINAL** SIC: **5171**  
Street Address: **MACK POINT - TRUNDY ROAD**  
Mail Address: **P.O. BOX 435** Emissions  
**SEARSPORT** **ME 04974** Contact: **DUANE SEEKINS**  
Telephone #: **2075482531**

Comment:

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**Group Information**

Group Id: **001** Actual Operating Schedule for This Group:  
Group Description: **TANK #1 - #6 FUEL OIL**  
Design Capacity: Design Cap. Units: Hours/Day **24** Start Time: **0001**  
Days/Week **7**  
Percent Quarterly Throughput: Weeks/Year **52** End Time: **2359**  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov. O3 Season Days **91**  
**25 25 25 25**

Comment:

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**Process Unit Information**

Process Unit ID: **1** Stack #: **99**  
Description: **BREATHING LOSS** Description: **FUGITIVE**  
Source Classification Code (SCC): **40301065** Height: **0**  
Description: **Petroleum Product Storage at Refineries** Diameter: **0.00**  
**Fixed Roof Tanks (Varying Sizes)** Vent Height: **2**  
**Grade 6 Fuel Oil: Breathing Loss (250000 Bbl. Tank Size)** Velocity: **0.0**  
**AP-42 Units: 1000 Gallon-Years Residual Oil (No. 6) S** Exit Temp.: **0**  
Fuel Quality: Percent Sulfur: **0.000** Percent Ash: **0.00** Heat Content: **1** Flow Rate: **0**  
Monthly Throughput:  
December: **0** March: **0** June: **0** September: **0**  
January: **0** April: **0** July: **0** October: **0**  
February: **0** May: **0** August: **0** November: **0**

Annual Throughput: **3927.76** Units: **1000 Gallon-Years Residual Oil (No. 6) S**

Comment:

**Process Unit Control Equipment**

**No Control Devices found for this Process Unit.**

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## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3				
Comment:						

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## Process Unit Information

Process Unit ID: 2	Stack #: 99
Description: WORKING LOSS	Description: FUGITIVE
Source Classification Code (SCC): 40301075	Height: 0
Description: Petroleum Product Storage at Refineries	Diameter: 0.00
Fixed Roof Tanks (Varying Sizes)	Vent Height: 2
Grade 6 Fuel Oil: Working Loss (Independent Tank Diameter)	Velocity: 0.0
AP-42 Units: 1000 Gallons Residual Oil (No. 6) Throug	Exit Temp.: 0
	Flow Rate: 0
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1	
Monthly Throughput:	
December: 0	March: 0
January: 0	April: 0
February: 0	May: 0
	June: 0
	July: 0
	August: 0
	September: 0
	October: 0
	November: 0
Annual Throughput: 8408.49 Units: 1000 Gallons Residual Oil (No. 6) Throug	
Comment:	

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

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## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.00361		
Comment:						

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## Group Information

Group Id: 002

Group Description: TANK #3 - #6 OIL

Actual Operating Schedule for This Group:

Design Capacity: Desgin Cap. Units:

Percent Quarterly Throughput:

Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.

25

25

25

25

Hours/Day 24 Start Time: 0001

Days/Week 7

Weeks/Year 52 End Time: 2359

O3 Season Days 91

Comment:

## Process Unit Information

Process Unit ID: 1

Description: BREATHING LOSS

Stack #: 99

Description: FUGITIVE

Source Classification Code (SCC): 40301065

Description: Petroleum Product Storage at Refineries

Fixed Roof Tanks (Varying Sizes)

Grade 6 Fuel Oil: Breathing Loss (250000 Bbl. Tank Size)

AP-42 Units: 1000 Gallon-Years Residual Oil (No. 6) S

Height: 0

Diameter: 0.00

Vent Height: 2

Velocity: 0.0

Exit Temp.: 0

Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December: 0

March: 0

June: 0

September: 0

January: 0

April: 0

July: 0

October: 0

February: 0

May: 0

August: 0

November: 0

Annual Throughput: 6023.60 Units: 1000 Gallon-Years Residual Oil (No. 6) S

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Tons/Yr: Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3			

Comment:

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## Process Unit Information

Process Unit ID: 2  
Description: WORKING LOSS  
Source Classification Code (SCC): 40301075  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Grade 6 Fuel Oil: Working Loss (Independent Tank Diameter)  
AP-42 Units: 1000 Gallons Residual Oil (No. 6) Throug  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0  
Annual Throughput: 12895.2 Units: 1000 Gallons Residual Oil (No. 6) Throug  
Comment:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

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## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.00554	

Comment:

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## Group Information

Group Id: 003  
Group Description: TANK #4 - #6 OIL  
Design Capacity: Design Cap. Units:  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
25 25 25 25

Actual Operating Schedule for This Group:  
Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: BREATHING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301065  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Grade 6 Fuel Oil: Breathing Loss (250000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Residual Oil (No. 6) S

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December: 0	March: 0	June: 0	September: 0
January: 0	April: 0	July: 0	October: 0
February: 0	May: 0	August: 0	November: 0

Annual Throughput: 7057.76 Units: 1000 Gallon-Years Residual Oil (No. 6) S

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Tons/Yr: Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: WORKING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301075  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Grade 6 Fuel Oil: Working Loss (Independent Tank Diameter)  
AP-42 Units: 1000 Gallons Residual Oil (No. 6) Throug

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December: 0	March: 0	June: 0	September: 0
January: 0	April: 0	July: 0	October: 0
February: 0	May: 0	August: 0	November: 0

Annual Throughput: 15109.2 Units: 1000 Gallons Residual Oil (No. 6) Throug

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.00649		

Comment:

## Group Information

Group Id: 004

Group Description: TANK #11- #2 OIL

Actual Operating Schedule for This Group:

Design Capacity: Desgin Cap. Units:

Hours/Day 24 Start Time: 0001

Days/Week 7

Percent Quarterly Throughput:

Weeks/Year 52 End Time: 2359

Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.

O3 Season Days 91

25

25

25

25

Comment:

## Process Unit Information

Process Unit ID: 1

Stack #: 99

Description: BREATHING LOSS

Description: FUGITIVE

Source Classification Code (SCC): 40301020

Height: 0

Description: Petroleum Product Storage at Refineries

Diameter: 0.00

Fixed Roof Tanks (Varying Sizes)

Vent Height: 2

Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)

Velocity: 0.0

AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Exit Temp.: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Flow Rate: 0

Monthly Throughput:

December: 0

March: 0

June: 0

September: 0

January: 0

April: 0

July: 0

October: 0

February: 0

May: 0

August: 0

November: 0

Annual Throughput: 27.848 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.001805		

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: WORKING LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301021  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December: 0	March: 0	June: 0	September: 0
January: 0	April: 0	July: 0	October: 0
February: 0	May: 0	August: 0	November: 0

Annual Throughput: .073 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		

Comment:

## Group Information

Group Id: 005  
Group Description: TANK #12 - #2 FUEL OIL

Actual Operating Schedule for This Group:

Design Capacity: Design Cap. Units:

Hours/Day 24 Start Time: 0001

Days/Week 7

Percent Quarterly Throughput:

Weeks/Year 52 End Time: 2359

Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.

O3 Season Days 91

25 25 25 25

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: WORKING LOSS  
Source Classification Code (SCC): 40301021  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0  
Annual Throughput: .073 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Comment:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3				

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: BREATHING LOSS  
Source Classification Code (SCC): 40301020  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0  
Annual Throughput: 27.848 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Comment:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.



## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.001805		

Comment:

## Group Information

Group Id: 006

Group Description: TANK #101- #2 FUEL OIL

Actual Operating Schedule for This Group:

Design Capacity: Desgin Cap. Units:

Hours/Day 24 Start Time: 0001

Days/Week 7

Percent Quarterly Throughput:

Weeks/Year 52 End Time: 2359

Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.

O3 Season Days 91

25

25

25

25

Comment:

## Process Unit Information

Process Unit ID: 1

Stack #: 99

Description: WORKING LOSS

Description: FUGITIVE

Source Classification Code (SCC): 40301021

Height: 0

Description: Petroleum Product Storage at Refineries

Diameter: 0.00

Fixed Roof Tanks (Varying Sizes)

Vent Height: 2

Distillate Fuel #2: Working Loss (Tank Diameter Independent)

Velocity: 0.0

AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Exit Temp.: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Flow Rate: 0

Monthly Throughput:

December: 0

March: 0

June: 0

September: 0

January: 0

April: 0

July: 0

October: 0

February: 0

May: 0

August: 0

November: 0

Annual Throughput: 7.6

Units: 1000 Gallons Distillate Oil (No. 2) Thro

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		1.00e-5		

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: BREATHING LOSS  
Source Classification Code (SCC): 40301020  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0  
Annual Throughput: 590.016 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Comment:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.04541	

Comment:

## Group Information

Group Id: 007  
Group Description: TANK #105 - #2 OIL  
Design Capacity: Design Cap. Units:  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
25 25 25 25  
Actual Operating Schedule for This Group:  
Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: BREATHING LOSS  
Source Classification Code (SCC): 40301020  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0  
Annual Throughput: 5007.58 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Comment:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.38749	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: WORKING LOSS  
Source Classification Code (SCC): 40301021  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0  
Annual Throughput: 13.046 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Comment:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		8.50e-5		
Comment:						

## Group Information

Group Id: 008				Actual Operating Schedule for This Group:		
Group Description:TANK #107 - #2 OIL						
Design Capacity:		Desgin Cap. Units:		Hours/Day	24	Start Time: 0001
				Days/Week	7	
Percent Quarterly Throughput:				Weeks/Year	52	End Time: 2359
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.	O3 Season Days	91	
25	25	25	25			

Comment:

## Process Unit Information

Process Unit ID: 1	Stack #: 99
Description: BREATHING LOSS	Description: FUGITIVE
Source Classification Code (SCC): 40301020	Height: 0
Description: Petroleum Product Storage at Refineries	Diameter: 0.00
Fixed Roof Tanks (Varying Sizes)	Vent Height: 2
Distillate Fuel #2: Breathing Loss (250000 Bbl. Tank Size)	Velocity: 0.0
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)	Exit Temp.: 0
Fuel Quality: Percent Sulfur: 0.000    Percent Ash: 0.00    Heat Content: 1	Flow Rate: 0
Monthly Throughput:	
December: 0	March: 0
January: 0	April: 0
February: 0	May: 0
June: 0	September: 0
July: 0	October: 0
August: 0	November: 0
Annual Throughput: 2014.87    Units: 1000 Gallon-Years Distillate Oil (No. 2)	

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.156175		
Comment:						

## Process Unit Information

Process Unit ID: 2  
Description: WORKING LOSS  
Source Classification Code (SCC): 40301021  
Description: Petroleum Product Storage at Refineries  
Fixed Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Working Loss (Tank Diameter Independent)  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0  
Annual Throughput: 5.249 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Comment:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	3.50e-5	

Comment:

## Group Information

Group Id: 009  
Group Description: TANK #102 - #2 OIL  
Design Capacity: Design Cap. Units:  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
25 25 25 25  
Actual Operating Schedule for This Group:  
Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: **STANDING LOSS**  
Source Classification Code (SCC): 40301155  
Description: **Petroleum Product Storage at Refineries  
Floating Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Standing Loss - Internal**  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0  
Annual Throughput: 2917.11 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Comment:

Stack #: 99  
Description: **FUGITIVE**  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.006925	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: **WITHDRAWAL LOSS**  
Source Classification Code (SCC): 40301120  
Description: **Petroleum Product Storage at Refineries  
Floating Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Withdrawal Loss**  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0  
Annual Throughput: 3840.00 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Comment:

Stack #: 99  
Description: **FUGITIVE**  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.00405		
Comment:						

## Group Information

Group Id:	010	Actual Operating Schedule for This Group:				
Group Description: TANK #103 - #2 OIL		Hours/Day	24	Start Time:	0001	
Design Capacity:	Desgin Cap. Units:	Days/Week	7	End Time:	2359	
Percent Quarterly Throughput:		Weeks/Year	52	O3 Season Days	91	
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.			
25	25	25	25			

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	99
Description:	STANDING LOSS	Description:	FUGITIVE
Source Classification Code (SCC):	40301155	Height:	0
Description:	Petroleum Product Storage at Refineries	Diameter:	0.00
Floating Roof Tanks (Varying Sizes)		Vent Height:	2
Distillate Fuel #2: Standing Loss - Internal		Velocity:	0.0
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)		Exit Temp.:	0
Fuel Quality: Percent Sulfur:	0.000	Percent Ash:	0.00
Heat Content:	1	Flow Rate:	0
Monthly Throughput:			
December:	0	March:	0
January:	0	April:	0
February:	0	May:	0
		June:	0
		July:	0
		August:	0
		September:	0
		October:	0
		November:	0

Annual Throughput: 4514.75 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.00955		
Comment:						

## Process Unit Information

Process Unit ID: 2  
Description: WITHDRAWAL LOSS  
Source Classification Code (SCC): 40301120  
Description: Petroleum Product Storage at Refineries  
Floating Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Withdrawal Loss  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0  
Annual Throughput: 5943.08 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Comment:

Stack #: 99  
Description: FUGITIVE

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.00502	

Comment:

## Group Information

Group Id: 011  
Group Description: TANK #104 - #2 FUEL OIL  
Design Capacity: Design Cap. Units:  
Percent Quarterly Throughput:  
Dec.-Feb. 25 Mar.- May 25 Jun.- Aug. 25 Sept.- Nov. 25

Actual Operating Schedule for This Group:  
Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91

Comment:



## Process Unit Information

Process Unit ID: 1  
Description: STANDING LOSS  
Source Classification Code (SCC): 40301155  
Description: Petroleum Product Storage at Refineries  
Floating Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Standing Loss - Internal  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0  
Annual Throughput: 4460.06 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Comment:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.00955	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: WITHDRAWAL LOSS  
Source Classification Code (SCC): 40301120  
Description: Petroleum Product Storage at Refineries  
Floating Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Withdrawal Loss  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0  
Annual Throughput: 5871.10 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Comment:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.00496		
Comment:						

## Group Information

Group Id: 012				Actual Operating Schedule for This Group:		
Group Description:TANK #106 - #2 FUEL OIL						
Design Capacity:		Desgin Cap. Units:		Hours/Day	24	Start Time: 0001
Percent Quarterly Throughput:				Days/Week	7	
				Weeks/Year	52	End Time: 2359
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.	O3 Season Days	91	
25	25	25	25			

## Process Unit Information

Process Unit ID:	1	Stack #:	99
Description:	STANDING LOSS	Description:	FUGITIVE
Source Classification Code (SCC):	40301155	Height:	0
Description:	Petroleum Product Storage at Refineries	Diameter:	0.00
Floating Roof Tanks (Varying Sizes)		Vent Height:	2
Distillate Fuel #2: Standing Loss - Internal		Velocity:	0.0
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)		Exit Temp.:	0
Fuel Quality: Percent Sulfur:	0.000	Percent Ash:	0.00
Heat Content:	1	Flow Rate:	0
Monthly Throughput:			
December: 0	March: 0	June: 0	September: 0
January: 0	April: 0	July: 0	October: 0
February: 0	May: 0	August: 0	November: 0
Annual Throughput: 4509.54 Units: 1000 Gallon-Years Distillate Oil (No. 2)			
Comment:			

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.00955		
Comment:						

## Process Unit Information

Process Unit ID: 2  
Description: WITHDRAWAL LOSS  
Source Classification Code (SCC): 40301120  
Description: Petroleum Product Storage at Refineries  
Floating Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Withdrawal Loss  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0  
Annual Throughput: 5936.22 Units: 1000 Gallons Distillate Oil (No. 2) Thro  
Comment:

Stack #: 99  
Description: FUGITIVE  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.005015	

Comment:

## Group Information

Group Id: 013  
Group Description: TANK #108 - #2 OIL  
Design Capacity: Design Cap. Units:  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
25 25 25 25

Actual Operating Schedule for This Group:  
Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: **STANDING LOSS**  
Source Classification Code (SCC): 40301155  
Description: **Petroleum Product Storage at Refineries**  
**Floating Roof Tanks (Varying Sizes)**  
**Distillate Fuel #2: Standing Loss - Internal**  
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0

Stack #: 99  
Description: **FUGITIVE**  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Annual Throughput: 4466.7 Units: 1000 Gallon-Years Distillate Oil (No. 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.009545	

Comment:

## Process Unit Information

Process Unit ID: 2  
Description: **WITHDRAWAL LOSS**  
Source Classification Code (SCC): 40301105  
Description: **Petroleum Product Storage at Refineries**  
**Floating Roof Tanks (Varying Sizes)**  
**Gasoline RVP 10: Standing Loss (250000 Bbl. Tank Size)**  
AP-42 Units: 1000 Gallon-Years Gasoline Storage Capac  
Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0

Stack #: 99  
Description: **FUGITIVE**  
Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Annual Throughput: 5879.83 Units: 1000 Gallon-Years Gasoline Storage Capac

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.00497		
Comment:						

## Group Information

Group Id:	014	Actual Operating Schedule for This Group:				
Group Description: TANK #109 - #2 OIL		Hours/Day	24	Start Time:	0001	
Design Capacity:	Desgin Cap. Units:	Days/Week	7	Weeks/Year	52	End Time: 2359
Percent Quarterly Throughput:		O3 Season Days	91			
Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.			
25	25	25	25			

Comment:

## Process Unit Information

Process Unit ID:	1	Stack #:	99
Description:	STANDING LOSS	Description:	FUGITIVE
Source Classification Code (SCC):	40301155	Height:	0
Description:	Petroleum Product Storage at Refineries	Diameter:	0.00
Floating Roof Tanks (Varying Sizes)		Vent Height:	2
Distillate Fuel #2: Standing Loss - Internal		Velocity:	0.0
AP-42 Units: 1000 Gallon-Years Distillate Oil (No. 2)		Exit Temp.:	0
Fuel Quality: Percent Sulfur:	0.000	Percent Ash:	0.00
Heat Content:	1	Flow Rate:	0
Monthly Throughput:			
December: 0	March: 0	June: 0	September: 0
January: 0	April: 0	July: 0	October: 0
February: 0	May: 0	August: 0	November: 0
Annual Throughput:	4469.68	Units:	1000 Gallon-Years Distillate Oil (No. 2)

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
VOC	VOLATILE ORGANIC COMPOUNDS	3		0.00955		
Comment:						

## Process Unit Information

Process Unit ID: 2  
Description: WITHDRAWAL LOSS

Stack #: 99  
Description: FUGITIVE

Source Classification Code (SCC): 40301120  
Description: Petroleum Product Storage at Refineries  
Floating Roof Tanks (Varying Sizes)  
Distillate Fuel #2: Withdrawal Loss  
AP-42 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Height: 0  
Diameter: 0.00  
Vent Height: 2  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Monthly Throughput:

December: 0	March: 0	June: 0	September: 0
January: 0	April: 0	July: 0	October: 0
February: 0	May: 0	August: 0	November: 0

Annual Throughput: 5883.76 Units: 1000 Gallons Distillate Oil (No. 2) Thro

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	0.00497	

Comment:

## Group Information

Group Id: 022  
Group Description: 150 KW EMERGENCY GENERATOR

Actual Operating Schedule for This Group:

Design Capacity: 1.46 Design Cap. Units: 1  
Percent Quarterly Throughput:  
Dec.-Feb. 25 Mar.- May 25 Jun.- Aug. 25 Sept.- Nov. 25

Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: DIESEL FUEL BURNED  
Source Classification Code (SCC): 20300101  
Description: Internal Combustion Engines - Commercial/Institutional  
Distillate Oil (Diesel)  
Reciprocating  
AP-42 Units: 1000 Gallons Distillate Oil (Diesel) Bur  
Fuel Quality: Percent Sulfur: 0.050 Percent Ash: 0.00 Heat Content: 1  
Monthly Throughput:  
December: 0 March: 0 June: 0 September: 0  
January: 0 April: 0 July: 0 October: 0  
February: 0 May: 0 August: 0 November: 0  
Annual Throughput: 0.3197 Units: 1000 Gallons Distillate Oil (Diesel) Bur  
Comment:

Stack #: 2  
Description: BOILER 027  
Height: 14  
Diameter: 2.00  
Vent Height: 0  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.13	2.08e-5	
Comment:					
107028	ACROLEIN	9	0.0128	2.05e-6	
Comment:					
124389	CARBON DIOXIDE	9	22680	3.625398	
Comment:					
18540299	CHROMIUM (VI)	9	0.00027	4.32e-8	
Comment:					
246	POLYCYCLIC ORGANIC MATTER	9	0.0055	8.79e-7	
Comment:					
50000	FORMALDEHYDE	9	0.16	2.56e-5	
Comment:					
600	2,3,7,8-TCDD TEQ	9	2.6500e-8	4.2e-12	
Comment:					
71432	BENZENE	9	0.129	2.06e-5	
Comment:					
7439921	LEAD	9	0.00126	2.01e-7	
Comment:					
7439965	MANGANESE	9	0.000832	1.33e-7	
Comment:					

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
7439976	MERCURY	9	0.0000418	6.68e-9	
Comment:					
7440020	NICKEL	9	0.00064	1.02e-7	
Comment:					
7440382	ARSENIC	9	0.0015	2.40e-7	
Comment:					
7440439	CADMIUM	9	0.00067	1.07e-7	
Comment:					
74828	METHANE	9	0.06	9.59e-6	
Comment:					
75070	ACETALDEHYDE	9	0.106	1.69e-5	
Comment:					
CO	CARBON MONOXIDE	9	131.1	0.020956	
Comment:					
NH3	AMMONIA	9	0.8	1.28e-4	
Comment:					
NOX	NITROGEN OXIDES	9	608.6	0.097285	
Comment:					
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	9	17.25	0.002757	
Comment:					
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION	9	17.25	0.002757	
Comment:					
SO2	SULFUR DIOXIDE	9	141	0.001127	
Comment:					
VOC	VOLATILE ORGANIC COMPOUNDS	9	48.3	0.007721	
Comment:					



## Group Information

Group Id: 028  
Group Description: BOILER #1  
Design Capacity: 33.5 Desgin Cap. Units: 1  
Percent Quarterly Throughput:  
Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.  
30 30 15 25

### Actual Operating Schedule for This Group:

Hours/Day 24 Start Time: 0001  
Days/Week 7  
Weeks/Year 52 End Time: 2359  
O3 Season Days 91

Comment:

## Process Unit Information

Process Unit ID: 1  
Description: #6 FUEL OIL  
Source Classification Code (SCC): 10200402  
Description: External Combustion Boilers - Industrial  
Residual Oil  
10-100 Million Btu/hr \*\*  
AP-42 Units: 1000 Gallons Residual Oil Burned

Stack #: 1  
Description: BOILER 026  
Height: 18  
Diameter: 1.30  
Vent Height: 0  
Velocity: 0.0  
Exit Temp.: 0  
Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.500 Percent Ash: 0.01 Heat Content: 1

### Monthly Throughtput:

December: 0	March: 0	June: 0	September: 0
January: 0	April: 0	July: 0	October: 0
February: 0	May: 0	August: 0	November: 0

Annual Throughput: 362.781 Units: 1000 Gallons Residual Oil Burned

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.11	0.019953	
Comment:					
107028	ACROLEIN	9	0.0104	0.001887	
Comment:					
124389	CARBON DIOXIDE	9	25873	4693.116	
Comment:					
18540299	CHROMIUM (VI)	9	0.000152	2.76e-5	
Comment:					
246	POLYCYCLIC ORGANIC MATTER	9	0.0013	2.36e-4	
Comment:					
50000	FORMALDEHYDE	9	0.033	0.005986	
Comment:					

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
600	2,3,7,8-TCDD TEQ	9	2.6500e-8	4.81e-9	
Comment:					
71432	BENZENE	9	0.000214	3.88e-5	
Comment:					
7439921	LEAD	9	0.0042	0.000762	
Comment:					
7439965	MANGANESE	9	0.003	0.000544	
Comment:					
7439976	MERCURY	9	0.000113	2.05e-5	
Comment:					
7440020	NICKEL	9	0.0845	0.015328	
Comment:					
7440382	ARSENIC	9	0.00132	2.39e-4	
Comment:					
7440439	CADMIUM	9	0.000398	7.22e-5	
Comment:					
7440484	COBALT	9	0.00602	0.001092	
Comment:					
74828	METHANE	9	1.07	0.194088	
Comment:					
75070	ACETALDEHYDE	9	0.044	0.007981	
Comment:					
CO	CARBON MONOXIDE	8	5.000E0	0.906953	
Comment:					
NH3	AMMONIA	8	8.000E-1	0.145112	
Comment:					
NOX	NITROGEN OXIDES	8	5.500E1	9.976478	
Comment:					
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	9	6.67	1.209875	
Comment: AP-42 Table 1.3-5, emission factor = 7.17A (A=1.12(S)+0.37): [7.17 X (1.12 X 0.5 + 0.37)] = 6.67 lbs/1,000 gal					
SO2	SULFUR DIOXIDE	8	1.57E2	14.23915	
Comment:					
TNMOC	TOTAL NON-METHANE ORGANIC	8	2.800E-1	0.050789	
Comment:					
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.28	0.050789	
Comment: Emission factor based on AP-42 and license limit.					

## Group Information

Group Id: 030

Group Description: BOILER #2

Actual Operating Schedule for This Group:

Design Capacity: 33.5 Design Cap. Units: 1

Percent Quarterly Throughput:

Dec.-Feb.	Mar.- May	Jun.- Aug.	Sept.- Nov.
30	30	15	25

Hours/Day 24 Start Time: 0001

Days/Week 7

Weeks/Year 52 End Time: 2359

O3 Season Days 91

Comment:

## Process Unit Information

Process Unit ID: 1

Description: #6 FUEL OIL

Stack #: 1

Description: BOILER 026

Source Classification Code (SCC): 10200402

Description: External Combustion Boilers - Industrial

Residual Oil

10-100 Million Btu/hr \*\*

AP-42 Units: 1000 Gallons Residual Oil Burned

Height: 18

Diameter: 1.30

Vent Height: 0

Velocity: 0.0

Exit Temp.: 0

Flow Rate: 0

Fuel Quality: Percent Sulfur: 0.500 Percent Ash: 0.01 Heat Content: 1

Monthly Throughput:

December: 0 March: 0 June: 0 September: 0

January: 0 April: 0 July: 0 October: 0

February: 0 May: 0 August: 0 November: 0

Annual Throughput: 362.781 Units: 1000 Gallons Residual Oil Burned

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE		Over All %	
			Factor:	Tons/Yr:	Capture	Control
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	9	0.11	0.019953		
Comment:						
107028	ACROLEIN	9	0.0104	0.001887		
Comment:						
124389	CARBON DIOXIDE	9	25873	4693.116		
Comment:						
18540299	CHROMIUM (VI)	9	0.000152	2.76e-5		
Comment:						
246	POLYCYCLIC ORGANIC MATTER	9	0.0013	2.36e-4		
Comment:						
50000	FORMALDEHYDE	9	0.033	0.005986		
Comment:						

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Tons/Yr:	Over All % Capture Control
600	2,3,7,8-TCDD TEQ	9	2.6500e-8	4.81e-9	
Comment:					
71432	BENZENE	9	0.000214	3.88e-5	
Comment:					
7439921	LEAD	9	0.0042	0.000762	
Comment:					
7439965	MANGANESE	9	0.003	0.000544	
Comment:					
7439976	MERCURY	9	0.000113	2.05e-5	
Comment:					
7440020	NICKEL	9	0.0845	0.015328	
Comment:					
7440382	ARSENIC	9	0.00132	2.39e-4	
Comment:					
7440439	CADMIUM	9	0.000398	7.22e-5	
Comment:					
7440484	COBALT	9	0.00602	0.001092	
Comment:					
74828	METHANE	9	1.07	0.194088	
Comment:					
75070	ACETALDEHYDE	9	0.044	0.007981	
Comment:					
CO	CARBON MONOXIDE	8	5.000E0	0.906953	
Comment:					
NH3	AMMONIA	8	8.000E-1	0.145112	
Comment:					
NOX	NITROGEN OXIDES	8	5.500E1	9.976478	
Comment:					
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION	9	6.67	1.209875	
Comment: AP-42 Table 1.3-5, emission factor = 7.17A (A=1.12(S)+0.37): [7.17 X (1.12 X 0.5 + 0.37)] = 6.67 lbs/1,000 gal					
SO2	SULFUR DIOXIDE	8	1.57E2	14.23915	
Comment:					
TNMOC	TOTAL NON-METHANE ORGANIC	8	2.800E-1	0.050789	
Comment:					
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.28	0.050789	
Comment: Emission factor based on AP-42 and license limit.					

## Group Information

Group Id: 098

Group Description: TRUCK LOADING RACKS

Actual Operating Schedule for This Group:

Design Capacity: Design Cap. Units:

Hours/Day 24 Start Time: 0001

Days/Week 6

Percent Quarterly Throughput:

Weeks/Year 52

End Time: 2359

Dec.-Feb. Mar.- May Jun.- Aug. Sept.- Nov.

O3 Season Days 78

25

25

25

25

Comment:

## Process Unit Information

Process Unit ID: 1

Stack #: 99

Description: ALL FUELS

Description: FUGITIVE

Source Classification Code (SCC): 40400250

Height: 0

Description: Petroleum Liquids Storage (non-Refinery)

Diameter: 0.00

Bulk Plants

Vent Height: 2

Loading Racks

Velocity: 0.0

AP-42 Units: 1000 Gallons Liquid Transferred

Exit Temp.: 0

Fuel Quality: Percent Sulfur: 0.000 Percent Ash: 0.00 Heat Content: 1

Flow Rate: 0

Monthly Throughput:

December: 0

March: 0

June: 0

September: 0

January: 0

April: 0

July: 0

October: 0

February: 0

May: 0

August: 0

November: 0

Annual Throughput: 36498.9 Units: 1000 Gallons Liquid Transferred

Comment:

## Process Unit Control Equipment

No Control Devices found for this Process Unit.

## Process Unit Emissions

Pollutant	Pollutant Description	Method:	Estimated Emissions - No RE Factor:	Over All % Capture Control
VOC	VOLATILE ORGANIC COMPOUNDS	3	Tons/Yr: 0.003	

Comment:

# Facility Pollutant Emissions Summary

Facility ID: 00022

County - 027

State - 23

CAS	Pollutant	Emissions tons / year	
10024972	NITROUS OXIDE (N2O) , NOT (NO2)	0.039927	0.039927
107028	ACROLEIN	0.003776	0.003776
124389	CARBON DIOXIDE	9389.857	9389.857
18540299	CHROMIUM (VI)	5.52e-5	5.52e-5
246	POLYCYCLIC ORGANIC MATTER	0.000473	0.000473
50000	FORMALDEHYDE	0.011998	0.011998
600	2,3,7,8-TCDD TEQ	9.62e-9	9.62e-9
71432	BENZENE	9.82e-5	9.82e-5
7439921	LEAD	0.001524	0.001524
7439965	MANGANESE	0.001088	0.001088
7439976	MERCURY	4.10e-5	4.10e-5
7440020	NICKEL	0.030656	0.030656
7440382	ARSENIC	0.000478	0.000478
7440439	CADMIUM	1.45e-4	1.45e-4
7440484	COBALT	0.002184	0.002184
74828	METHANE	0.388186	0.388186
75070	ACETALDEHYDE	0.015979	0.015979
CO	CARBON MONOXIDE	1.834862	1.834862
NH3	AMMONIA	0.290352	0.290352
NOX	NITROGEN OXIDES	20.05024	20.05024
PM10-FIL	PRIMARY PM10, FILTERABLE PORTION ONLY	2.422507	2.422507
PM25-FIL	PRIMARY PM2.5, FILTERABLE PORTION ONLY	0.002757	0.002757
SO2	SULFUR DIOXIDE	28.47943	28.47943
TNMOC	TOTAL NON-METHANE ORGANIC CARBON	0.101578	0.101578
VOC	VOLATILE ORGANIC COMPOUNDS	0.804409	0.804409